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ABSTRACT

A vapor pressure reducing agent for polyurethane foam, comprising at least one compound represented by the following formula (1):

R¹
O

R²-O-P=O
O
R³

wherein
$$R^1$$
, R^2 and

5

10

15

wherein R¹, R² and R³ represent a straight-chain alkyl group or branched-chain alkyl group having 2 to 5 carbon atoms, R¹, R² and R³ may be the same or different, with the proviso that the compound wherein R¹, R² and R³ are all ethyl groups is excluded, the compound having a total acid content of 650 mg KOH or less as measured in accordance with MIL H-19457; and a premix composition for producing polyurethane foam, comprising a polyol, a curing catalyst, 1,1,1,3,3-pentafluoropropane, a foaming stabilizer, and the vapor pressure reducing agent described above.